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SUBSTITUTE FORM PTO-1449
(MODIFIED).U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEAPP. SOCKET NO.
09276/014002SERIAL NO.
09/159,068INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT
Eleftheria Maratos-FlierFILING DATE
September 23, 1998

GROUP

(37 CFR 1.98(b))

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PATENT & TRADEMARK OFFICE

PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER								ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CA	AA	5	5	3	0	0	9	5		06/96	Vaughn et al.	530	326	
	AB	5	0	4	9	6	5	5		09/91	Vaughan et al.	530	326	
	AC	5	2	1	0	0	7	6		05/93	Berliner et al.	514	21	
CA	AD	5	4	4	9	7	6	6		09/95	Vaughan et al.	536	23.5	
	AE													
	AF													
	AG													

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AH							
	AI							
	AJ							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

CA	AK	Nahon "the melanin-concentrating hormone: from the peptide to the gene" Crit. Rev. in Neurology 8(4) 221-262 (1994) (1994)						
	AL	Baile et al., "Role of Cholecystokinin an Opioid Peptide in Control of Food Intake," Physiol. Reviews Vol. 66, No. 1, 172-234 (1986)						
	AM	Baker, B., "Melanin-concentrating Hormone Updated, Functional Consideration," TEM, Vol. 5, No. 3, 120-126 (1994)						
	AN	Bray, GA, "1989 McCollum Award Lecture. Genetic and Hypothalamic Mechanisms for Obesity-Finding the Needle in the Haystack," Am J. Clin. Ntr., Vol 5, 891-902 (1989)						
	AO	Bresson et al., "Donnees Ontogenetiques sur la Population d'interneurones Peptidergiques a Immunoreactivite deType GRF ₃₇ de L'hypothalamus Postero-Lateral Humain. Etudes Immunocytochimiques a L'aide d'un IS Anti-GRF ₃₇ et d'un IS Anti-MCH (melanin-concentrating hormone)," CR Soc. Biol. Vol. 181,376-382 (1987) Abstract Only						
CA	AP	Breton et al., "Structure and Regulation of the Mouse Melanin-Concentrating Hormone mRNA and Gene," Molecular and Cellular Neurosciences, Vol. 4, 271-284 (1993)						

EXAMINER

C Saoud

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	BA						
	BB						
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
OK	BC	Castrucci et al., "A Teleost Skin Bioassay for Melanotropic Peptides," Gen. Comp. Endocrinol., Vol. 66, 374-380 (1987)					
	BD	Castrucci et al., " α -Melanotropin: The Minimal Active Sequence in the Lizard Skin Bioassay," Gen. Comp. Endocrinol., Vol. 73, 157-163 (1989);					
	BE	Drozd, R. and Eberle, A., "Synthesis and Iodination of Human (Phenylalanine ¹³ Tyrosine ¹⁹) Melanin-concentrating Hormone for Radioreceptor Assay," Journal of Peptide Science, 23rd European Peptide Symposium, Braga, Portugal, Vol. 1, 55-65 (1994) 1994					
	BF	Drozd, R. and Eberle, A., Binding Sites for Melanin-Concentrating Hormone (MCH) in Brain Synaptosomes and Membranes From peripheral Tissues Identified with Highly Tritiated MCH," J. of Receptor and Signal Transduction Research, Vol. 15 (1-4) 487-502 (1995).					
	BG	Griffond et al., "The Synthesis of Melanin-concentrating Hormone Is Stimulated by Ventromedial Hypothalamic Lesions in the rat Lateral Hypothalamus: A Time-course Study," Neuropeptides, Vol. 28, 265 ²⁶⁷ -275 (1995).					
	BH	Hadley et al., "Differential Structural Requirements for the MSH and MCH Activities of Melanin Concentrating Hormone," Life Sci., vol., 40, 1139-1145 (1987)					
	BI	Hogben, L. and Slome, D., "The Pigmentary Effector System. VI. The Dual Character of Endocrine Coordination in Amphibian Colour Change," proc. Roy. Soc., B, Vol. 108, 10-53 (1931)					
	BJ	Hruby et al., " α -Melanotropin: The Minimal Active Sequence in the Frog Skin Bioassay," J. Med. Chem., Vol. 30 2126-2130 (1987)					
	BK	Kawauchi et al., "Characterization of Melanin-concentrating Hormone in Chum Salmon Pituitaries," Nature, Vol. 305, 321-323 (1983)					
OK	BL	Kawauchi, H. and Kawazoe, I., "Structure-activity Studies of Melanin-concentrating Hormone," Advances in Pigment Cell Res., 517-525 (1988)					
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CK	CA	Lebl et al., "Melanin Concentrating Hormone Analogues: Concentration of the Cyclic Structure.					
		I. Antagonist Activity," J. Med. Chem., Vol. 31, 949-954 (1988)					
	CB	Lebl et al., "Melanin Concentrating Hormone Analogues: Concentration of the Cyclic Structure.					
		II. Antagonist Activity," Life Sci., vol. 44, 451-457 (1989)					
	CC	Liang, P. and Pardee, A., "Differential Display of Eukaryotic Messenger RNA by Means of the Polymerase					
		Chain Reaction," Science, Vol. 257, 967-971 (1992)					
	CD	Matsunaga et al., "Melanin Concentrating Hormone (MCH): Synthesis and Bioactivity Studies of MCH Fragment					
		Analogues," Peptides, Vol. 10, 349-354 (1989)					
	CE	Matsunaga et al., "Synthesis and Bioactivity Studies of Two Isosteric Acyclic Analogues of Melanin					
		Concentrating Hormone," Life Sci., Vol 51, 679-685 (1992)					
	CF	Morley, J., "Neuropeptide Regulation of Appetite and Weight," Endocrin. Rev. Vol. 8, No. 3, 256-87 (1987)					
	CG	Nahon et al., "Structure and Regulation of the Melanin-Concentrating Hormone Gene ^a ," Ann. NY Acad. Sci., Vol.					
		680, 111-129 (1993)					
	CH	Naito et al., "Melanin-concentrating Hormone-like Immunoreactive Material in the Rat Hypothalamus;					
		Characterization and Subcellular Localization," Cell Tissue Rev., Vol. 253, 291-295 (1988)					
	CI	Parkes et al., "Secretion of Melanin-concentrating Hormone and Neuropeptide-El from Cultured Rat Hypothalamic					
		Cells," Endocrinology, Vol. 131, No. 4, 1826-1831 (1992)					
	CJ	Pesonen et al., "hypothalamic Neuropeptide Expression After Food Restriction in Zucker Rats: Evidence of					
		Persistent Neuropeptide Y Gene Activation," Molecular Brain Research, Vol. 16, 255-260 (1992)					
CK		Sanacora et al., "Increased Hypothalamic Content of Preproneuropeptide Y Messenger Ribonucleic Acid in					
		Acid in Genetically Obese Zucker Rats and its Regulation by Food Deprivation," Endocrinology, Vol. 127, No. 2					
		730-736 (1990)					
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OK	DA	Skofitsch et al., "Immunohistochemical Localization of a Melanin Concentrating Hormone-Like Peptide in the Rat Brain," Brain Research Bulletin, Vol. 15, 635-649 (1985)					
	DB	Stanley et al., "Repeated Hypothalamic Stimulation with Neuropeptide Y Increases Daily Carbohydrate and Fat and Body Weight Gain in Female Rats," Physiol. and Behav., Vol. 46, 173-177 (1989)					
	DC	Tsuji et al., "GABA-related Feeding Control in Genetically Obese Rats," Brain Research, Vol. 540, 48-54 (1991)					
	DD	Wilding et al., "Increased Neuropeptide Y Content in Individual Hypothalamic Nuclei, but not Neuropeptide Y mRNA, in Diet-induced Obesity in Rats," J. Endocrinol., Vol. 132, 299-304 (1992)					
	DE	Wilding et al., "Increased Neuropeptide-Y Messenger Ribonucleic Acid (mRNA) and Decreased Neurotensin mRNA in the Hypothalamus of the Obese (ob/ob) Mouse," Endocrinology, Vol. 132, No. 5, 1939-1944 (1993)					
	DF	Williams et al., "Hypothalamic Regulatory Peptides in Obese and Lean Zucker Rats," Clinical Science, Vol. 80, 419-426 (1991)					
	DG	Zamir et al., "Melanin-concentrating Hormone: Unique Peptide Neuronal System in the Rat Brain and Pituitary Gland," Proc. Natl. Acad. Sci. USA, Vol. 83, 1528-1521 (1986)					
	DH	Zhang et al., "Positional Cloning of the Mouse Obese Gene and its Human Homologue," Nature, Vol. 372, 425-432 (1994)					
	DI	Lewin et al. Science 237:1570 (1987)					
	DJ	Reeck Cell 50:667 Aug. 1987					
	DK	Presse et al., Neuroscience Vol. 71, No. 3 735-745 (1996)					
	DL	Rossi et al. Endocrinology Vol. 138, No. 1, 351 (1997)					
DM	Qu et al Nature Vol. 380, 243 (March, 1996)						
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